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1848.

McINTOSH & CO.'S

PERIODICAL CATALOGUE,

OF

FRUIT & ORNAMENTAL TREES,

FLOWERING SHRUBS AND ROSES,

HERBACEOUS & GEEEN HOUSE PLANTS,

CULTIVATED & FOR SALE

AT THEIR

NURSERY AND GREEN HOUSE,

ST. CLAIR STREET,

CLEVELAND, OHIO.

CLEVELAND:
YOUNGLOVE'S STEAM PRESSES.
1848.

ADVERTISEMENT.

In our Catalogue of 1845 we had occasion to speak of the neglect to cultivate good fruit, which so generally prevailed at the West, and we then attributed that neglect to two causes; 1st, "the business of fruit culture not being properly understood or appreciated," and 2d, "the great difficulty and expense in procuring suitable trees." It is gratifying to witness the change which has taken place in the public opinion and taste since that time. Much information has been diffused, a spirit of inquiry has been awakened, and farmers and landholders on turning their attention to it have discovered that great and sure profits follow from the cultivation of the Fruit Orchard. During the last two years the fruit growers of this county have realized many thousand dollars for their crops of Peaches, Apples, and Cherries—the product of a single tree often selling for ten or twenty dollars! Many kinds of fruit trees come early into bearing, require less care and time than other crops, are equally sure of fruiting, and far exceed them all in the value and profit of their returns. Many Amateur Horticulturalists in different sections of the country, highly distinguished for their learning, taste, and wealth, engage in the cultivation of fruit and prosecute it with great zeal, for the sake of the pure and refined pleasure which it affords. The farmer is urged to embark in it by the additional stimulus of large and certain profits. No man who is the proprietor of a rod of land, much less a farm, after acquainting himself with the statistics of fruit culture will be content to remain a day without an orchard.

Still it is not enough for the planter to learn that raising fruit is pleasant and profitable; he should extend his inquiries further—read carefully Horticultural Books and Journals, (such for example, as Downing's "Fruit and Fruit Trees," "The Horticulturist," and "Hovey's Magazine,") collect and compare statistics and thereby qualify himself to discriminate between varieties that are choice, hardy, and productive, and those that are inferior or worthless. He will thus learn an obvious *truth* which many are slow in arriving at; that *good* fruit is as *easily* and *cheaply* raised as *poor*, and that while the former is of *great* value, the latter is of *none.*

Again, the difficulty and expense in procuring suitable trees, are in a great measure remedied. Formerly an Apple or Peach tree cost 25 cents, and but few good ones could be had at that price without ordering them from the East; and in that case the delay of transportation often proved fatal to the trees. These were formidable obstacles in the way of orchard planting and frequently detered men from engaging in it. These embarrassments however no longer exist. The planter is not compelled to send to the East, nor to pay an exorbitant price for his trees. He can now buy 100 Peach trees of the choicest varieties in the world for 8, to $10! and 100 Apples equally select, for $12!! and these too, at a short distance from his own grounds to which they can be transported without loss of roots, exposure or risk!!! We have done what we could to bring about this desirable result, and hope soon to be able to announce a corresponding reduction in the price of Cherries, Plums, and Pears.

We have 24 acres of land filled with Fruit and Ornamental Trees. It has been, and will continue to be, our custom to visit in person all the principal Nurseries at the East, at least once a year, in order that any new or valuable variety may, without regard to cost, be added to our collec-

tion. How far we have succeeded the following columns will show. We have also taken unwearied pains to secure and preserve *entire accuracy* in the different kinds of fruit. To this end the buds and scions are taken from specimen trees and worked under the personal inspection of the active proprietor. None but healthy vigorous stocks are used, as we are satisfied that trees are not the less certain of succeeding well, by reason of their being straight, handsome, and thrifty. *Suckers* we do not approve of for stocks and never use them.

As far as practicable we prefer to have the purchaser visit our Nurseries, examine the trees and prices, and select for himself. Where this is not convenient, he may, with our Catalogue before him, describing the *color*, *form*, *size*, *quality*, and *season* of each named variety, select such kinds as he desires. Persons however who prefer it, by stating the number of trees wanted, may rely on having the best varieties selected and forwarded to order.

It will be observed that our collection of Ornamental Trees, Shrubs, Roses, Bulbous Roots, Double Dahlias, Herbaceous Plants, Carnations, &c., &c., embrace the most desirable kinds in cultivation, many of which, especially the new Everblooming Roses, are truly splendid. Our assortment will be continually enriched by the addition of new kinds as fast as imported, or originated in this country.

The Green House is of the largest size and well stocked with a choice collection of the most valuable Green House Plants, which will be sold as low as at any other establishment in the country.

Our Nurseries and Green House are conveniently situated on St. Clair street, (within the City,) a short distance east of the Medical College, and within ten minutes walk from the various Steam Boat landings, and are at all times (Sundays excepted,) open to visitors.

The location of Cleveland is exceedingly favorable for the Nursery business. In the Spring, navigation is frequently open between this place and the Upper Lakes for several weeks before the harbor at Buffalo is free of ice. This furnishes to all western fruit growers who prefer spring planting, facilities for obtaining their trees in season for early planting, which should be done as early as possible after the frost is out of the ground.

All trees and plants will be so packed as to secure their arriving in perfect order at any part of the Western States or Territories.

Packages will be delivered at the Wharf or on board Steam Boats or Vessels, free of charge, after which they are at the risk of the purchaser.

Orders from unknown correspondents should enclose the money, or a satisfactory reference in this City.

All letters to insure attention must be post paid.

EXPLANATION OF TERMS & ABBREVIATIONS.

Prevailing Color.—b. brown; d. dark; g. green; p. pale; r. red; rus. russet; st. striped; w. white; or. orange; y. yellow.

Form.—con. conical; ov. ovate; obla. oblate; obl. oblong; fl. flattish; obov. obovate; turb. turbinate; rou. roundish.

Size.— l. large; m. medium; s. small.

Q—Quality.—1. finest; 2. good; 3. indifferent.

Season.—b. beginning; m. middle; e. end of the month.

M. melting; V. very; P. productive; J. juicy.

Names in Italics, are synonyms by which the same fruit is known in different sections of the country.

Names.	Color.	Size	Q	Season.	Remarks.
Morello English.....	d r	L	2	e. July	Late, good for kitchen.
Ohio Beauty.....	r	L		b. June	
Plumstone Morello.....	r	L	2	July	One of the best Morellos.
Reine Hortense.....					
River's Early Amber Heart	amb	L	1	b. June	Hardy, early and good.
Rockport Bigarreau.....	r amb	L		m. June	
Royal Duke.....	d r	L	1	e. June	P. Tender and rich.
Sparhawk's Honey.....	r	M	1	e. June	Delicious, late and sweet.
Tradescant'sBlack Heart..	b	L	2	July	Very firm and rich.
Transparent Guigne.....	p y	S	1	b. July	Beautiful.
Waterloo.....	b	L	1	e. June	Rich and good.
Werder's Early Black.....	b	M	1	b. June	Probably the best early cherry.
White Mazzard.....					
White Tartarian.....	p y	S	1	e. June	Good but moderate bearer.

Remarks.—This fine fruit succeeds well in almost every variety of soil and climate. It is perfectly hardy and less subject to attacks of insects than any other fruit. The best soil is one that is dry and rich. The Trees should be planted at the distance of 20 to 30 feet apart.

PLUMS.

Price, medium sized Trees $35 per 100. Single trees 40 cents each.

For Abbreviations, see page 4.

Names.	Color.	Size	Q	Flesh	Season.	Remarks.
Apricot	y r	L	1	F	Aug	High flavored.
Bingham.....	y	L	1	C	e. Aug	P. and good
Bleecker's Gage.....	y	M	1	F	e. Aug	J. Sweet and luscious.
Blue Gage.....	pur	S	2	F	m Aug	P. Acid and rich.
Blue Perdrigon.....	pur	M	1	C	e. Aug	Firm and excellent
Brevoort's Purple.....	r pur	L	1	F	b. Sept	P. and handsome.
Buel's Favorite.....	g	L	1	C	e. Aug	Firm, juicy and high flavored.
Canfield's Seedling.....						
Catharine	y	M	1	C	Sep	
Cheston.....	d pur	S	2	F	Aug	
Coe's Golden Drop.....	pur y	L	1	C	Sept	V. P. Sweet and delicious.
Coe's Late Red.....	pur r	M	1	F	e. Oct.	
Columbia	b pur	L	1	C	e. Aug	V. P. Rich and excellent
Cooper's Large.....	pur	M	1	F	e. Sept	Good.
Denniston's Red.....	pur r	M	1	F	e. Aug	V. P. New and good.
Diamond	pur	L	1	F	Sept	P. Firm and good.
Drap d'Or.....	y	S	1	F	b. Aug	V. P. Much esteemed.
Duane's Purple, French.	pur	L	1	C	Aug	P. Very large and splendid
Elfrey	b	S	2	F	Sept	V. P. Sweet and dry.
Emerald Drop.....	y g	M	1	C	e. Aug	P. Very juicy and rich.
Fotheringham.....	pur	M	1	F	m. Aug	P. Juicy and rich.
Frost Gage.....	pur	S	1	F	m. Oct	V. P. Sweet and valuable.
Fundy						
German Prune.....	pur	M	2	F	Sept	Firm and good.
Gifford's Lafayette.....	g	M	1		Aug	P. Estimable.
Gisborne	y	M	2	F	Aug	V. P. Fine for preserves.
Ghiston's Early Yellow.	y	L	1	F	m. Aug.	Fine Flavor.

Names.	Color.	Size	Q	Flesh	Season.	Remarks.
Green Gage	g y	s	1	f	m. aug	V. P. J. One of the very best.
Goliath	d r	l	2	c	e. aug	Juicy and sprightly.
Gwalsh	pur	l			m. aug	Juicy and good.
Huling's Superb.	g y	l	1	f	Aug	P. Rich and excellent.
Holland	b	m	1		e. Aug	P. Rich and pleasant.
Imperial Gage	y g	l	1	f	b. Sept	V. P. Large and profitable.
Isabella	r	m	1	c	e. Aug.	Handsome.
Imperial Ottoman	d y	m	1		e. July	J. Sweet and melting.
Italian Damask	b	m	2	f	e. Aug	Juicy and sweet.
Jefferson	d y	m	1	f	Aug	P. Luscious—first rate.
Judson						
Kirke	d pur	m	1	f	b. Sept	Rich and fine flavor.
Lansingburgh Late						
Large Black Imperial	d pur	l	1		Sept	Handsome and fair.
Lawrence's Favorite	y g	l	1	f	Aug	V. P. Delicious.
Lewis d'Orleans						
Lombard	r	m	1		e. Aug	Juicy and pleasant,
Long Scarlet	b r	m	2		e. Aug	V. P. J. Handsome.
Long's Yellow	y	m	2		Aug	V. Productive.
Lucombe's Nonsuch	g y	m	2	c	m. Aug	P. Rich and sweet.
Magnum Bonum Red or *Purple Egg*	r	l	1	c	e. Aug	V. P.
Magnum bonum White or *White Egg*	w	l	1	c	e. Aug	V. P. and handsome.
Magnum bonum Native.		l	1	c		V. P. and good.
Morocco	pur	m	1	c	b. Aug	Juicy and sweet.
Mulberry	pur	l	2		b. Sept	Juicy and sweet.
Nectarine	pur	l	1	c	Aug	P. Regular bearer.
Orange	y	l	1		e. aug	Good.
Orleans	r	m	2	f	m. Aug	P. and good.
Orleans Early	pur	m	2	f	b. Aug	Productive.
Peter's Yellow Gage	y	l	1		Aug	V. Productive and fair.
Precoce de Tours	d pur	s	2	c	e. July	P. Sweet and melting.
Purple Favorite	pur	m	1	c	e. Aug	V. P. J. and melting.
Purple Gage	pur	m	1	f	Sept	Firm and high flavored.
Red Gage	b r	s	1	f	m. Aug	V. P. J. Luscious.
Royale	r pur	m	1	f	Aug	Juicy and very rich.
Royal Raisin						
Sharpe's Emperor	r	l	1	f	e. Sept	P. Rich and good.
Smith's Orleans	pur	l	2	f	e. Sept	V. J. Fine flavor.
Stanton's Blue Gage	b					Productive.
Washington Bolmar's	y	l	1	f	Aug	V. P. Sweet and luscious.
White Imperatrice	y	m	1	f	b. Sept	V, P. and sweet.
Wine Sour	pur	s	2		Sept	
Yellow Gage	y pur	s	1	f	Aug	Sweet and pleasant.

Remarks.—The Plum is a delicious dessert fruit, and some of the varieties are valuable for preserving and drying. The best soil for it is a rich deep loam, and the proper distance for the Trees, is from 15 to 20 feet.

In some sections of the country the ravages of the *Curculio* are still formidable. Many experiments to subdue this enemy have been recommended and tried, but the best method as yet discovered is to shake the trees early in the morning, collect the insects on a white sheet and destroy them, and carefully gather all the fruit that has been stung before the *larva* quits it, and burn it up. Admitting hogs and poultry to run in the Plum Orchard and scattering salt under the tree have been found very useful.

Peaches.

Price, 8 to $10 per 100. Less number 15 cents each.

For Abbreviations, see page 4.

Names.	Color.	Flesh	Size	Q	Season.	Remarks.
Acton Scott	y w	F	M	1	m. Aug	Good.
Admirable Late or *Teton de Venus*	g r	F	L	1	m. Sept	Large—very fine.
Astor	p y w	F	L	2	e. Aug	Esteemed by some.
Barrington	p y r	F	L	1	b. Sept	P. Excellent.
Bellegarde	p y r	F	L	1	b. Sept	Good standard variety.
Bergen's Yellow	y	F	L	1	b. Sept	P. J. melting and good.
Blood Clingstone	p r	C	L	2	e. Sept	Productive.
Brainard's Yellow	y r	F	L	1	Sept	Productive and good.
Cable's Cling	y r	C	L	1	b. Sept	Handsome.
Cable's Melocoton Early	y r	F	L	1	e. Aug	Very fine.
Cable's Melocoton, Late	y r	F	L	1	Sept	One of the best.
Catharine Cling	p y g	C	L	1	e. Sept	Excellent.
Chancellor	p y r	F	L	1	m. Sept	Good.
Columbia	d r rus	F	L	2	e. Sept	P. Fine flavor.
Cooledge's Favorite	w r	F	L	1	Aug	Juicy, melting and fine.
Cole's Early	r	F	M	1	b. Aug	V. P. Rich and Spicy.
Crawford's Melocoton ear	y	F	L	1	m. Aug	P. One of the finest. [tivation.
Crawford'sMelocoton late	y	F	L	1	m. Sept	V. P. Probably the best in cul-
Double Montagne	p y w	F	M	1	Aug	Good.
Douglas' Late Red	y r	F	L	1	e. Sept	Highly recommended.
Douglas' Red Rareripe	y r	F	L	1	m. Sept	" "
Druid Hill	p y w	F	L	1	e. Sept	Rich—fine flavor.
Early Anne	w	F	S	2	b. Aug	Very early.
Early Newington Free	p y w	F	L	1	b. Sept	First rate.
Early Sweetwater	w	F	M	1	b. Aug	Good.
Early Tillotson	r y	F	M	1	b. Aug	Early and good flavor. [mark.
Early yellow Rareripe	y r	F	L	1	m. Aug	V. P. Handsome, exc. for
Early York	p r	F	M	1	m. Aug	P. Melting and good.
Emperor of Russia	y r	F	L	1	Aug	Rich and fine.
Fox's Seedling	w r	F	M	1	m. Sept	Good.
George the Fourth	y r	F	L	1	e. Aug	V. J. Fine flavor—first rate.
Grosse Mignone	g y r	F	L	1	m. Aug	Very popular and good.
Haines' Early Red	w r	F	M	1	m. Aug	Good.
Heath Cling	w r	C	L	1	Oct	One of the best clings.
Jacques' Rareripe	y r	F	L	1	b. Sept	Large and exceedingly fine.
La Grange	g w	F	L	1	e. Sept	J. Delicious. [market.
Late Red Rareripe	w r	F	L	1	e. Aug	V. P. Handsome, good for
Lemon Cling	y b r	C	L	1	m. Sept	An old favorite.
Malta	p g	F	L	1	e. Aug	V. J. Excellent.
Morris' White Rareripe	g w	F	L	1	m. Sept	P. Rich and profitable.
Morris' Red Rareripe	g w	F	L	1	e. Aug	Very rich and productive.
Morrisania Pound	w r	F	L	1	m. Sept	P. Large and showy.
Newark Seedling						Said to be very fine.
New York Rareripe	r	F	L	1	e. Aug	Handsome and fine.
Noblesse	p y	F	L	1	e. Aug	V. J. Fine flavor.
Oldmixon Clingstone	y w	C	L	1	b. Sept	V. J. High flavored and fine.
Oldmixon Free	y r	F	L	1	b. Sept	P. Tender and rich.

Names.	Color.	Flesh	Size	Q	Season.	Remarks.
Old Newington.....	y r	c	L	1	m. Sept	An old favorite with many.
Orange	d y	c	M	1	b. Sept	
Poole's Large Yellow...	y r	F	L	1	e. Sept	Very large and handsome.
President.....	y g	F	L	1	m. Sept	Excellent.
Raritan						A New Jersey Seedling.
Red Cheek Melocoton..	y r	F	L	1	b. Sept	V. P. One of the best.
Red Rareripe.....	w r	F	M	1	m· Aug	P. Rich and good.
Reeve's Favorite.....	y r	F	L	1	b. Sept	Good.
Rodman's Cling.....	y r	c	L	1	Sept	Juicy and delicious.
Royal Charlotte.....	g w r	F	L	1	b. Sept	Rich and excellent.
Royal George.....	w r	F	L	1	e. Aug	J. High flavor and rich.
Royal Mignone.....	p y w r	F	L	1	e. Aug	P. First rate.
Smock.....	y r	F	L	1	b. Oct	Late and good.
Snow Peach	w	F	M	2	b. Sept	V. P. and beautiful.
Strawberry	r	F	M	1	m. Aug	Good.
Tippecanoe.....	y r	c	L	1	e. Sept	Late and valuable.
Vandevere's Optimum..	w y r	c	L	1	e. Sept	Beautiful—delicious.
Van Zandt's Superb	w y r	F	M	1	b. Sept	J. and very fine.
Walter's Early.....	w r	F	L	1	e. Aug	P. Sweet rich flavor
Ward's Late Free.....	w r	F	L	1	e. Sept	Late and good.
Washington	y d r	F	M	1	e. Aug	Juicy and good.
Weeping (Reid's).....	y g	F	M	2	Sept	Ornamental.
White Imperial.....	y w	F	L	1	b. Sept	V. J. Excellent.
Yellow Alberge.....	y r	F	M	1	e. Aug	V. P. Large and fine.

Remarks.—This delicious fruit surpasses all others in flavor, and succeeds well in most parts of the Western States. The southern shore of Lake Erie is especially adapted to the culture of the Peach; while the great extent of country dependant on this market for fruit, ensures a ready sale for any quantity that can be raised.

Our stock is unusually large and select, and the price is reduced *one half*. Persons intending to plant out Orchards will do well, therefore, to embrace the present opportunity.

A gravelly or sandy soil and high, exposed situations, with a northern aspect, are the most favorable for the Peach. The soil should be kept loose or cultivated. 15 to 20 feet is the proper distance in the row.

Nectarines.

Price, 25 cents each.

Names.	Color.	Form.	Size	Flesh	Season.	Remarks.
Boston	y r	ov	L	F	b. Sept	Large and beautiful.
Elruge	r	rou ov	M	F	e. Aug	P. Highly esteemed.
Fairchild's.....	g r	rou	S	F	m. Aug	Esteemed for its earliness.
Golden.....	y r	rou ov	M	c	b. Sept	Handsome.
Hunt's Tawney	r	rou ov	M	F	b. Aug	P. Best early Nectarine.
Murray	g r	ov	M	F	Aug	[stone.
Newington Early	r	ov	L	c	b. Sept	P. High flavor; best cling
Peterborough	g	rou	S	F	b. Oct	Late and good. [ry best.
Pitmaston Orange	y r	rou ov	L	F	e. Aug	P. Hardy—one of the ve-
Vermash	g r	rou	M	F	e. Aug	Rich and melting.

Apricots.

Price, 37½ cents each.

Names.	Color.	Form.	Size	Season.	Remarks.
Black	r	rou	M	Aug	J. and pleasant.
Blotched leaved	d g	rou	M	m. Aug	Good fruit.
Breda	or	rou	M	b. Aug	P. J. First rate.
Brussels	y b	ov	M	m. Aug	Productive.
Hemskirke	or r	rou	L	e. July	P. Rich and delicious.
Large Early	p or	obl	M	m. July	Early, rich and good.
Moorpark	or r	rou	L	b. Aug	J. Rich and excellent.
Musch Musch	or r	rou	S	e. July	Tender, rich & very sweet.
Peach	or r	rou	L	e. July	P. Rich, one of the best.
Roman	p y	obl	M	e. July	P. Regular bearer, hardy.
Schuyler's Large	y r	rou	L	m. Aug	P. Hardy and good.
Shipley's	or	ov	L	e. July	Productive and good.
Turkey	y	rou	M	m. Aug	J. Very late and excellent.
White Masculine	w	rou	S	m. July	Early and pleasant.

Remarks.—The Apricot is a pleasant and delicious fruit. Its season is just before that of the Peach and it always commands the highest price in market. It is as hardy as the Peach and its general treatment should be the same.

Quinces.

Varieties.	Remarks.	Price.
Orange or apple shaped	Large—one of the best	$0,25
Pear shaped	Handsome	37½
Portugal	Large and first rate	50
Japan Scarlet	Highly ornamental, having brilliant and showy flowers	50
Japan Blush		

Grapes.

Native & Foreign, those marked * are Foreign. Price, 25 to 50 cents each.

Names.	Bunch	Form.	Color.	Skin.	Remarks.
Alexander	comp	rou	b	thick	P. Fine and juicy.
Bland	long	rou	p r	thin	Good, but shy bearer.
Catawba	large	rou	p r	thin	P.J.Rich, one of the very best.
Early Black Summer	loose	rou	b	thick	Early and productive.
Elsinburgh	large	rou	b	thin	Without pulp, excellent.
Isabella	loose	ov	d pur	thick	J. First rate in all respects.

Names.	Bunch	Form.	Color.	Skin.	Remarks.
Lenoir	comp	rou	pur	thin	Sweet, melting & excellent.
White Fox	large	rou	w	thick	Productive and hardy.
Winter Grape	loose	rou	b	thick	Very late and fair.
*Black Cluster	comp	rou ov	b	thick	Sweet and good. [riety.
*Black Hamburg	large	rou	b	thick	Well known, best foreign va-
*Esperione	large	rou	pur	thick	Sweet, hardy and prolific.
*Miller's Burgundy	comp	rou ov	b	thin	Hardy, sweet and good.
*White Sweetwater	loose	rou	w	thin	P. Sweet and first rate.

Remarks.—The Grape requires a deep light soil and a warm exposure. The foreign varieties should be protected by laying them down in the autumn and covering with earth to the depth of 3 or 4 inches. This should be removed early in the spring.

Gooseberries.

Price, 25 cents each.

An excellent assortment of Green, Red, White and Yellow Varieties.

Currants.

Price, 25 cents each.

Names.	Remarks.
Black Grape	Very large and good for preserves.
Black Naples	Large and excellent.
Champagne	Transparent pink and handsome.
English Black	Good for preserves.
Gooseberry-leaved	Beautiful and ornamental.
Missouri yellow flowering	Ornamental and fragrant.
Red Dutch	Very large and productive.
White Dutch	Large and very fine.
Wilmot's New Red	Large and much esteemed.

Raspberries.

Names.	Remarks.	Price per doz.
American Red	Very profitable best old variety	$0,50
Antwerp Red, *true*	Very large, fine and productive	75
Antwerp Yellow, *true*	" " " " "	75
Cane Red	V. P. and profitable for market	50
Fastolff	(Red) Large and good	3,00
Franconia	(Red) Productive and first rate	75
Ohio Everbearing	(Black) Bears late in Autumn	75

STRAWBERRIES.

Names.	Size	Form.	Season.	Price, per doz	Price, per 100	Remarks.
Bishop's Orange	L	con	e. June	$0 20	$1 50	Rich, fine, best flavor.
Blush Musk Hautbois	M	con	e. June	20	1 50	Esteemed by some.
Boston Pine	L	rou	June	50	3 00	P. and very good.
Buist's Prize	L	con	June	50	3 00	Bears in large clusters.
Burr's Seedling	L	rou	m. June	25	2 00	P.Hardy and good.
Burr's New Pine						NewOhio Seedlings,not
Burr's Ohio Mammoth						yet fruited with us.
Downton	L	ov	e. June	20	1 50	Late& moderate bearer.
Elton	L	ov	e. June	25	2 00	Late & much esteemed.
Grove End Scarlet	M	glob	b. June	20	1 50	V. P. Juicy&handsome.
Hovey's Seedling	L	ov	e. June	25	2 00	V.P.Best in cultivation.
Hudson or Willey	L	rou	m. June	20	1 50	V.P.One of the best.
Iowa	L	con	b. June	25	2 00	V,P.Handsome & good.
Jenny's Seedling	L	con	m. June	25	2 00	Much esteemed.
Keen's Seedling	L	rou	m. June	20	1 50	High flavored but tender
Lafayette	M	ov	m. June	20	1 50	Productive.
Methven Scarlet	L	rou	e. June	20	1 50	V. large & productive.
Monthly Red	S	con	JuneNov	20	1 50	Bears till frost.
Myatt's British Queen	L	rou	m. June	25	2 00	Large and excellent.
Myatt's Eliza	L	rou	e. June	25	2 00	Late and good.
Myatt's Pine	L	rou	e. June	25	2 00	Fine but hard to grow.
Myatt's Deptford Pine	L	rou	m. June	25	2 00	V. large and superior.
Old Scarlet or early scar-	M	rou	b. June	20	1 50	Fine flavor,best early va
Ross' Phœnix [let	L	fl	m. June	25	2 00	P. Hardy and good.
Swainstone Seedling	L	ov	m. June	25	2 00	P.High flavor & hardy.

Remarks.—The Strawberry succeeds best in a deep rich moist soil, and when properly cultivated, will produce an abundance of the most delicious and healthy fruit. They require an open, exposed situation. They should be planted in beds or in rows 18 inches apart and 9 inches in the row. The best time for transplanting is from the 1st of August to the middle of September,in the fall,and in the spring any time before the middle of May.

Almonds.

Varieties.	Remarks.	Price.
Bitter Hard Shell		$0,37½
Great Frizzled Soft Shell	Sweet and hardy	37½
Sweet Hard Shell	Hardy	37½
Persian Double Flowering	Very Ornamental	37½
Dwarf Double Flowering	Ornamental and showy	25

FILBERTS, WALNUTS, &C.

VARIETIES.		PRICE EACH.
Prolific Filbert	Frizzled do	$0,50
Red Kernel do	Large Cob do	50
White do		50
Black Walnut		50
Madeira nut, or English Walnut		50
Spanish Chestnut		50
Dutch Medlar		50

BERBERRIES, MULBERRIES, &C.,

SEE ORNAMENTAL SHRUBS.

ESCULENT ROOTS.

NAMES.	REMARKS.	PRICE. per root.	per doz.
RHUBARB, Giant	Large	$0,25	$2,00
" Wilmot's Early	Early but small	12½	1,25
" Tobolsk	Early, good for market	25	2,00
" Victoria Myatt's	Largest and best yet produced	50	4,00
" Downing's Colossal	Large and good	50	4,00
" New Mammoth	Said to produce stalks weighing 3 lbs each—we shall test it the present season		
Asparagus	1 year old roots, 50 cents per 100— 2 year do 75 cents per 100		
Horse Radish	75 cents per dozen		

ORNAMENTAL DEPARTMENT.

DECIDUOUS TREES AND SHRUBS.

Those marked thus * are Trees, the others Shrubs.

BOTANIC NAMES.	COMMON NAMES.	PRICE.
*Acer pseudo platanus	European Sycamore	$0 50
* " dasycarpum	Silver Leaved Maple	50
* " platanoides	Norway Maple	50
*Æsculus, coccinea	Horse Chestnut, red flowering	50
* " flava	" yellow flowering	50
* " hippocastanum	" large white flowering	50
* " pallida	" Ohio Buckeye	50
*Ailanthus, glandulosa	Celestial Tree or Chinese Ailanthus	50

Botanic Names.	Common Names.	Price.
Amorpha fruticosa	Indigo Shrub	$0 25
*Amygdalus, persica	Peach, double flowering	37½
" pumila	Almond, double dwarf	25
* " communis	" large double flowering	37½
*Aralia, spinosa	Prickly Ash or Hercules' Club	25
Artemisia abrotanum	Southern Wood	25
*Berberis, canadensis	Berberry, american red	37½
" vulgaris	" european large red	25
" lutea	" yellow fruited	37½
" provincialis	" provincial	37½
" sinensis	" chinese	37½
" nepalensis	" nepal	37½
*Broussonetia, papyrifera	Paper Mulberry	50
*Catalpa, syringæfolia	Catalpa, *showy flowers*	50
*Cerasus, communis pleno	Cherry, double flowering	50
* " pendula	" Weeping	75
*Cercis, canadensis	Judas Tree or Red bud	50
*Castanea, Vesca	Spanish Chestnut	50
Calycanthus, floridus	Sweet scented shrub	25
Chionanthus, virginica	Virginian White Fringe Tree	50
Colutea, arborescens	Bladder Senna, yellow	25
Cornus, sanguinea	Dogwood, red twigged	25
" stricta	" silver striped	37½
*Cratægus, flora pleno	Hawthorn, european white double flowering	50
* " oxyacantha	" european white	25
" punicea	" scarlet flowering	50
" rosea	" pink flowering	50
Corchorus or Kerria Japonica	Japan Globe Flower, double yellow	25
*Cytisus, laburnum	Laburnum or Golden Chain	37½
* " alpinus	" scotch or broad leaved	37½
" scoparius	" scotch broom	25
Daphne, mezereum	Mezereum, pink	37½
Deutzia, scabra	Deutzia, white flowering	37½
Euonymus, americanus	Burning Bush, american	25
" europeus	Strawberry Tree, european	25
" fructu albo	" european, white fruited	25
*Fagus, pendula	Beech, weeping	75
* " purpurea	Beech, purple	75
*Fraxinus, aurea	Ash, european, golden bark	75
* " excelsior	" european	50
* " ornus	" flowering or white fringe	50
* " pendula	" weeping	50
*Gleditschia, triacanthos	Honey Locust	25
Halesia, tetraptera	Silver Bell	50
Hibiscus, syriacus	Althea Frutex or Rose of Sharon	25
" albo variegato	" white striped	25
" bicolor pleno	" double pheasant eye	25
" cæruleo pleno	" double purple	25
" fol. variegato	" variegated leaved	37½
Hydrangea hortensis	Hydrangea, changeable	37½
" quercifolia	" oak leaved	37½
Hypericum, kalmianum	St. John's Wort, laurel leaved	37½
*Juglans, regia	Madeira Nut	50
* " nigra	Black Walnut	50
Jasminum, humile	Yellow Jasmine, Italian small leaved	25
*Kolreuteria, paniculata	Kolreuteria, Chinese panicle flower	50
*Larix, europea	Larch european	25 to 50
Lagerstrœmia, indica	Crape Myrtle, pink colored	50
Ligustrum, vulgare	Privet, european	25
Lonicera, caucasica	Upright Honeysuckle, ornamental white	37½
" tartarica	" Tartarian, early red	37½

Botanic Names.	Common Names.	Price.
Lonicera, xylosteum	Upright Honeysuckle, european fly or straw col'd	25
*Maclura, aurantiaca	Osage Orange	25
Magnolia, acuminata	Magnolia, blue flowering or cucumber tree	50
* " conspicua	" chinese white	1,00
* " cordata	" yellow flowering or heart-leaved	1,00
" glauca	" very sweet scented	25to50
* " macrophylla	" Large-leaved	50
" purpurea	" chinese purple	50
* " tripetala	" umbrella	50
" soulangiana	" Soulange's white and purple	2,00
Pæonia, moutan banksia	Tree Paeony, chinese purple	1 to 2,00
" papaveracea	" poppy flowered	1 to 2,00
*Pawlonia, Imperialis	Pawlonia, Chinese Imperial	50 to 1,00
Philadelphus, coronarius	Syringa, European fragrant	25
" grandiflorus	" large flowered	25
Pyrus, japonica	Japan Quince, scarlet flowering	50
" alba	" " white flowering	50
* " americana	Mountain Ash, American	50
* " aucuparia	" " European	50
*Populus, auriplia	Abele or silver leaf, new and beautiful	50
Punica, granatum fl. pleno	Pomegranate, double scarlet	50
Ribes Aureum	Currant, Missouri fragrant	25
Rhus Cotinus	Venetian Sumach, or purple fringe	37
*Robinia, pseudacacia	Locust yellow	25
" hispida	Rose acacia	37½
*Salix, babylonica	Willow weeping	25
* " annularis	" " ring-leaved	25
" vimmalis	" european green osier	25
* " vitellina	" yellow or golden	25
*Salisburia, adiantifolia	Japan Ginkgo Tree	1,25
*Shepherdia, argentea	Buffalo Berry	37½
Spiræa, argentea	Spiræa, silver-leaved	25
" hypericifolia	" hypericum-leaved	25
" thalictroides	" thalictrum-leaved	37
" opulifolia	" Guelder Rose	25
" sorbifolia	" sorb-leaved	25
Symphoria, glomerata	Indian currant, red fruited	25
" racemosa	Snowberry	25
Syringa, alba	Lilac, white flowered	25
" caroli	" Charles X—large red	25
" grandiflora	" large flowering	25
" laciniata	" cut-leaved	25
" persica	" persian purple	25
" purpurea	" large purple	25
*Taxodium, distichum	Deciduous cypress, American	25 to 50
*Tilia, europea	Linden red-twigged European	50
*Ulmus, campestris	Elm English	50
Viburnum, opulus rosea	Snowball or Guelder rose	25

EVERGREEN SHRUBS & TREES.

Those marked * are Trees, the others Shrubs.

Botanic Names.	Common Names.	Price.
*Abies, alba	Spruce, white or silver fir	$0,50
* " excelsa	" Norway	50
Aucuba, japonica	Japan Gold dust tree	50

Botanic Names.	Common Names.	Price.
Buxus, arborescens	Tree Box	$0,50
" aurea	" golden leaved	50
" latifolia	" broad leaved	50
" sempervirens	" dwarf, edging for walks, per yard,	25to50
*Cedrus, deodora	Deodar Cedar	1,50
* " libani	Cedar of Lebanon	1,50
Euonymus, argentea	Spindle tree, silver-leaved	37½
" japonica	Euonymus Japan	25
" aurea	" Gold striped	37½
Juniperus, prostrata	Juniper carpet or trailing	50
" suecica	" swedish	50
Mahonia, aquifolia	Berberry Holly leaved	50
*Picea, balsamea	Balsam Fir	50
* " pectinata	Silver Fir, European	50
*Pinus, rubra	Red Pine	50
* " strobus	White Pine	50
Rhododendron, alta clerense	Rhododendron high clere	2,00
" maximum	" American	50
" ponticum	" purple pontic	50
" russellianum	" Russell's hybrid	2,00
" smithii	" Smith's hybrid	2,00
*Taxus, baccata	Yew English	50
* " hibernica	" Irish	50to1,00
Thuya, occidentalis	Arbor Vitæ American	25 to 50
" orientalis	" Chinese	25to50
Yucca, angustifolia	Adams' Needle, narrow leaved	50
" filamentosa	" thready leaved	25to50
" flaccida	" profuse flowering	50

VINES & CREEPERS.

Botanic Names.	Common Names.	Price.
Ampelopsis, quinquefolia	Ivy five leaved, or Virginia creeper	$0,25
Aristolochia, sipho	Birth wort, or Dutchman's pipe	37½
Atragene, americana	Atragene American	50
Bignonia, grandiflora	Bignonia Chinese, large flowered	50
" radicans	" scarlet trumpet	25
Clematis, crispa	Virgin's Bower, curled flowered	37½
" cerulea	" blue flowered	37½
" campaniflora	" bell flowered	37½
Clematis, flammula	" sweet scented	50
" viticella	" purple flowered	37½
" viticella rubra	" red flowered	37½
" virginica	" white flowering	25
Hedera helix	Ivy English	25
" hibernica	" Irish	25
Jasminun, officinale	Jasmine white flowering	25
Lonicera, belgica	Honeysuckle Dutch Monthly	25to50
" flava	" Golden yellow monthly	25to50
" flexuosa	" chinese evergreen monthly	25to50
" pubescens	" large orange	25
" sempervirens	" scarlet trumpet monthly	25to50
Vinca, minor	Periwinkle, evergreen trailing myrtle	25
Wistaria, frutescens	Glycine American cluster flowering	50
" chinensis	" chinese blue	50

ROSES.

FIRST DIVISION. ROSES THAT BLOOM IN JUNE.

The introduction of many new and magnificent varieties of *Everblooming* Roses has given the lover of the Rose a successive display of floral beauties, from the dawn of Spring to the frosts of Autumn. In consequence of their superior brilliancy and perpetual blooming, these kinds are rapidly supplanting the old garden roses in the public estimation. We have therefore omitted most of the varieties under this class that were enumerated in our last catalogue. These however we still have in our collection, and will furnish them at very low rates to those who desire them. We choose to retain here such only as from their positive merits are not *unworthy the society in in which they are placed.*

SEC. I. HARDY GARDEN ROSES.

Price, 25 to 50 cents each.

NAMES.	DESCRIPTION.
Blanche fleur	Fine white, very double and abundant bloomer.
Belle africaine	Nearly black—very large and compact.
Belle Parabere	Violet shaded crimson, fragrant, and a fine pillar rose.
Brennus	Glowing red, very large, double, a good pillar rose.
Celicel	Rosy Blush, flowers large and in cluster.
Dianthiflora	Flowers like a carnation, very pretty.
Egerie	Brilliant cherry red, perfectly double, very distinct.
Eliza	Large blush, finely cupped and blooms late.
General Lamarque	Mottled crimson, large, double and strong grower.
George IV	Splendid crimson, always perfect, one of the very finest.
Harrison Yellow	Fine yellow, free bloomer, and very showy.
King of Roses	Rosy pink, large, very double and handsome.
LaTourterelle	Dark lilac, large, good form—good pillar rose.
Leda	Blush, white, edged with pink—very double and fine.
Madame Hardy	Pure white, very fine and abundant bloomer.
Madame Plantier	Fine white, flowers in large clusters—one of the best whites.
Œillet, parfait	White, striped with rose and bright red, superior.
Prolifere	One sheet of dark rose color, changing to violet; double & fragrant.
Provence Cabbage	Rosy pink, large—an old favorite.
Queen Caroline	Pink, edged with blush, free bloomer and beautiful.
Ranunculus	Mottled rosy, purple, showy, and a profuse bloomer.
Tuscany	Rich dark crimson,—well worthy of cultivation.
Village Maid	Fine, double striped, very handsome, much admired.
Violet deBelgique	Dark violet crimson, free bloomer, flowers very large.
Yellow Persian	The best yellow, perfectly double, grows freely and blooms profusely.

SEC. 2. ROSA ALPINA. THE BOURSAULT ROSE.

Price, 25 to 50 cents each.

Amadis or Elegans	Rich crimson, flowers in large clusters.
Inermis	Bright pink, flowers in great profusion, very fine.
Purpurea	Purple crimson, semi-double, free bloomer.
White Boursault or Rose de Lisle	Blush with pink centre and very showy.

SEC. 3. ROSA SEMPERVIRENS.

Price, 25 to 50 cents each.

NAMES.	DESCRIPTION.
Adelaide d'Orleans	Pale rosy blush—flowers in large clusters.
Felicite perpetuelle	Creamy white—a good pillar rose.
Sempervirens pleno	Pure white, perfectly double—very free bloomer.
Yellow Banksian	Orange yellow, flowers small—very double but tender.

SEC. 4. ROSA MULTIFLORA.

Price, 25 to 50 cents each.

Grevillei or seven sisters	Various colors from white to purple } Bothflower in large clusters
Laura Davoust	Beautiful white, with pink centre } but need protection.
Breeliana	Seedling from Russelliana, and superior to it.
Hybrid Grevillei	Fine pink, abundant bloomer—beautiful pillar rose.
Russelliana or cottage	Shaded crimson, very fine—a splendid pillar rose.

SEC. 5. HYBRID CLIMBING ROSES.

Price, 50 cents each.

Garland	White, flowers in large clusters, often from 75 to 100.
Madame d'Arblay	Pure white, flowers in large clusters—a strong grower.

SEC. 6. ROSA RUBIFOLIA—PRAIRIE ROSE.

Price, 25 to 75 cents each.

Anne Maria	Light rose, very double and superb.
Baltimore Belle	Blush white, flowers in large clusters—handsome.
Queen of Prairies	Bright rose, very large, strong grower—a most superb rose.
Elegans	Pink—very showy.
Eva Corrinne	Light blush, extra double and fine.
Jane	Deep rosy lilac, very double.
Linnaean Hill Beauty	Light blush, beautiful.
Mrs. Hovey	Nearly white, very large and superb.
Mrs. Pierce	
Milledgeville Prairie	Clear brilliant crimson, very splendid—beautiful foliage.
Pallida	Pale blush, pink centre—very fine.
Perpetual Pink	Deep pink, changing to purple—fine, sometimes blooms in autumn.
Ranunculiflora	Blush, small and very pretty.
Superba	Expanded, Rosy blush, very beautiful.

These truly splendid Roses are perfectly hardy and are admirably adapted for covering arbors and buildings.

SEC. 7. MOSS ROSES.

Price, 75 cents to $1 each.

Alice Leroy	Rosy lilac, very large and profuse bloomer.
Clifton White	Pure white, free bloomer, but of delicate habit.
Crested Moss	Waxy rose color, with handsome crested buds.

NAMES.	DESCRIPTION.
Crimson or Damask.	Dark red, strong grower, very mossy and fine.
Helene Mauget.....	Deep rose.
Luxembourg or Scar-	Bright red, double, very mossy—free bloomer.
Ponctuee..[let Moss.	Rosy red, spotted and single.
Perpetual White.....	Pure white, beautiful buds—flowering in clusters.
Perpetual Red.....	Bright Rose, Price, $2,00 [lar moss rose.
Princess Adelaide...	Rosy lilac, grows freely, flowers in large clusters; a splendid pil-
Red Moss.....	Fine rose color, buds truly beautiful—an universal favorite.
Unique de Provence.	White, beautiful rose, very mossy—flowers in large clusters.

SECOND DIVISION. EVERBLOOMING ROSES.

CLASS 1. REMONTANTES *or* HYBRID PERPETUAL ROSES.

Price, 50 to 75 cents each.

Aricie	Large bright rose—fine.
Aubernon	Beautiful rosy carmine—profuse bloomer.
Augustin Mouchelet.	Dark rosy violet.
Baron Prevost	Bright rosy violet—very large.
Clementine Duval...	Beautiful Pink, very perfect—dwarf habit.
Comte de Paris.....	Rosy purple, large fine form—a superb bloomer.
Comtesse Duchatel .	Bright rosy carmine, superb form—splendid.
Dr. Marx.....	Dark rose, large and perfect—free grower.
De Neuilly.....	Clear rose, very fragrant—distinct variety.
Duchess de Nemours.	Delicate rose, large, very double—constant bloomer.
Duc d'Aumale.....	Pale crimson, strong grower and free bloomer.
Descrivieux	Rosy violet—fine.
Edouard Jesse.....	Pale red, very fragrant—free bloomer.
Emma Dampierre ...	Bright rosy red.
Fulgorie.....	Dark red, large, flowers in clusters—handsome.
Julia Dupont.....	Bright rose, beautiful.
Lady Alice Peel.....	Deep rosy carmine, free bloomer—first rate.
Lady Fordwich	Rosy pink, profuse bloomer—very fragrant,
La Reine	Rosy lilac, very large and superb.
Louis Bonaparte....	Rosy lilac, shading to crimson, very double and perfect.
Madame Laffay.....	Dark rosy crimson, very fragrant, double and unsurpassed.
Marquise Bocella....	Pale pink, very distinct and superb.
Marquise of Ailsa...	Rosy crimson, beautiful.
Marechal Soult	Bright rosy crimson, very double and fragrant.
Mrs. Cripps	Deep brilliant rose—very beautiful.
Mrs. Elliott.....	Pale rosy lilac, free bloomer—of robust habit.
Prince Albert.....	Rich crimson,fragrant, flowers in large clusters—truly splendid.
Prince of Wales....	Rosy lilac.
Prince de Galles.....	Rich rosy purple, flowers in clusters.
Prudence Rœser	Pink, blooms in clusters like a noisette.
Ponctuee.....	Crimson, faintly striped.
Queen Victoria	Pink, fawn centre, very fine.
Rivers	Large crimson, fragrant, constant bloomer, splendid.
William Jesse	Crimson shaded, large and fine.
Youlande d'Arragon .	Pale rose, large and very distinct.

CLASS 2. PERPETUAL DAMASK ROSES.

Price, 50 to 75 cents each.

Comtesse de Rohan..	
Du Roi or Lee's Crimson Perpetual.	Brilliant red, very perfect, constant bloomer.

NAMES.	DESCRIPTION.
Feburier	Bright crimson, strong grower.
Gloriy of Perpetuals	Bright red, very fragrant and free bloomer.
Indigo	Purple, velvety and superb.
Isaure Lablee	Delicate pink, full, double, and free bloomer.
JeanneHatchette	Rosy blush, very large, double and fragrant.
Palmyra	Blush, free bloomer, very desirable.
Preval	Pale blush, very fragrant and perfect, profuse bloomer.
Quatre Saisons or Monthly Damask	Delicate pink, flowers in clusters, very fragrant.
Stanwell	Pale blush, blooms profusely the whole season, very fine.

These two classes of Roses are truly magnificient. The flowers are large, fragrant and beautiful. The plants are as hardy as the common garden Rose, and are in constant bloom from June to November. Many of them are still held by Eastern Nurserymen as high as $2 to $3 a plant.

CLASS 3. BOURBON ROSES. (ROSA BOURBIANA.)

Price, 37½ to 75 cents each.

Acidalie	Rosy white, very double, hardy and fragrant.
Augustine Lelieur	Rosy purple, very large, well formed, of strong habit.
Bouquet de Flore	Very bright rose, large, perfectly double, profuse bloomer.
Cendres de Napoleon	Rosy violet, very fine.
Charles Suchet	Dark crimson violet, a fine rose.
Comice de Seine et Marne	Bright red.
Docteur Roques	Crimson, large, very distinct, makes a good standard.
Duc de Chartres	Dark rosy pink, large, flowers in large clusters, very fine.
De Yebles	Pale flesh color, very large and strong grower.
Fedora	Large red, perfectly double, a fine Rose.
General Dubourg	Pale rose, flowers in great clusters, blooms fine in autumn.
Gloirie de Paris	Dark red, superb.
Gloirie de Rosamene	Bright scarlet, semi-double, very free bloomer.
Hennequin	Bright carmine, robust habit, a splendid rose.
Henri Plantier	Bright rose, very double, flowers in great profusion.
Henry Clay	Brilliant carmine, large and very fine.
Hermosa	Pale rose color, very perfect and free bloomer, much admired.
Leveson Gower	Bright rose, very large and fine.
Madame Lebobe	[best.
Madame Desprez	Bright rose, flowers in large clusters, splendid, one of the very
Madame Neuman	Deep rose, very large and delightfully fragrant.
Marechal de Villars	Bright rosy purple, profuse bloomer, a great favorite.
Mrs. Bousanquet	Waxy blush, large, perfectly double, finely cupped.
Paul Joseph	Bright crimson, flowers profusely.
Phœnix	Bright red, beautifully imbricated, blooms freely.
Prince de Croi	Dark rosy red.
Pourpre de Tyre	Dark purple.
Princess Clementine	Violet crimson, very double and fine.
Queen of theBourbons	Waxy blush, free bloomer, much admired, one of the best.
Queen of Congress	Waxy blush, white, perfect, beautiful form, superb.
Souvenir de Dumont d'Urville	Very dark rosy red, very fine.
Souvenir de La Malmaison	[best of the class. Pale blush, enormous size, very double, constant bloomer, the
Triomphe de Plantier	Dark crimson, flowers in large clusters, perfect form.

The BOURBON ROSE is worthy of the praises every where bestowed on it. Its habit is hardy and remarkably vigorous. The flowers of large size, beautiful form and produced in profuse clusters. Although of recent introduction, we already have every color, from nearly pure white to dark crimson purple, many of which are rich, rare, and truly beautiful.

CLASS 4. NOISETTE ROSES.

Price, 37½ to 75 cents each.

NAMES.	DESCRIPTION.
Aimee Vibert	Pure white, profuse bloomer, quite hardy.
Aurora	Straw color, very fragrant.
Charles X	Rosy purple, flowers profusely in large clusters.
Champneyana	Pink cluster, profuse bloomer, a well known variety.
Chromatella or *Cloth of Gold*	Bright Sulphur yellow, a large and splendid flower, *the best of the yellows.*
Conque de Venus	Creamy white, pink centre, fragrant, flowers in large clusters.
Cora L. Barton	Rosy pink, large, blooms freely, double, strong habit.
Fellenberg	Brilliant red, perfectly hardy, flowers in clusters of 40 to 50.
Fleur du Jeune age	Yellowish white with pink centre, very fragrant.
Jaune Desprez	Rosy buff, strong grower, remarkably fragrant.
Julie de Lyons	Delicate blush white, sweet scented, bloooms freely.
Julienne Le Sourd	Bright rose, profuse bloomer, clusters often have 50 to 100 flowers each.
La Nymphe	Fine pink, perfectly hardy, flowers in clusters like Julienne Le Sourd.
Lactans	Milky white, large and extremely double, free bloomer.
Lamarque	Yellowish white, large, very double, flowers profusely all the season.
Le Pactole	Pale sulphur yellow, flowers in clusters of 20 to 40 each
Lee or Monstrosa	Blush, strong grower, flowers in immense clusters, hardy.
Lutea Smithii or Yellow Noisette	Pale yellow, very fragrant.
Ophire	Orange yellow, tinged with red, very beautiful and very fragrant.
Orloff	Bright rose color, very strong grower, and blooms freely.
Scarlet	Bright red, large clusters, makes a fine pillar rose.
Sir Walter Scott	Rosy purple, a good pillar rose.
Solfatare	Bright sulphur yellow, very large and double, fragrant.

The Noisette Roses are distinguished for the great profusion and perpetual succession of their flowers. The clusters often containing from 50 to 100 buds each. Some of these require a slight protection during the winter.

CLASS 5. MUSK SCENTED ROSES—ROSA MOSCHATA.

Price, 50 cents each.

Princesse de Nassau	Yellowish white, very double, constant bloomer.
White Musk Cluster	Yellowish white, very sweet scented, flowers in large clusters.
Herbemont's Large White	Blush, flowers in large clusters.

CLASS 6. ROSA MICROPHYLLA—SMALL LEAVED ROSE.

Price, 50 cents each.

Alba Odorata	White, double, very large and very fragrant.
Coccinea	Bright red.
Rosea or Carnea	Rose color, large and very double, beautiful.

CLASS 7. ROSA INDICA—BENGAL, CHINESE OR DAILY ROSE.

Price, 25 to 50 cents each.

Archduke Charles	Bright rose, changing to crimson, sometimes spotted with red.
Beau Carmin	Dark crimson purple, quite double, constant bloomer.
Belle de Monza	Rose, changing to dark crimson, double, hardy and good.
Bisson	Delicate rosy pink, upright growth, flowers in clusters.

Names.	Description.
Calvertia	Deep crimson, free bloomer, good.
Carmin d'Yebles	Bright carmine, very perfect, blooms freely.
Cels	Blush, fully double, perfect, profuse bloomer, one of the best.
Cramoisie Superieur	Brilliant crimson, ought to be in every collection.
Gigantea	Dark rosy red, large, double, quite hardy.
Grenadier	Pink, profuse bloomer.
Hamilton	Rose color, large and hardy.
Indica or Daily	Deep rose, profuse bloomer, very hardy.
Jacksonia	Bright red, perfectly double, blooms freely.
Le Camoens	Rosy crimson, very double, much admired.
Louis Philippe	Dark crimson, with blush centre, perfectly distinct and fine.
Lady Warrender	Pure white, very large, double and showy.
Madame Hersant	Bright rose, very large and showy.
Marjolin	Dark crimson, very large, abundant bloomer and hardy.
Mrs. Bosanquet	Pale waxy blush, very double and fine.
Prince Charles of Luxembourg	Light crimson, fine form, beautiful.
Reine de Lombardie	Bright rosy red, very double, sweet scented, first rate.
Roi des Cramoisies	Rich crimson, very dark, double, fine form, blooms freely.
Semperflorens or Sanguinea	Rich crimson, free bloomer, hardy.
Triomphe de Gand	Fine lilac color, strong grower and very showy.
Triumphant	Rosy lilac changing to violet crimson, very fine.

The Bengal Roses are universal favorites with Amateurs. Many of them are perfectly hardy. They bloom abundantly from early in the spring till late in the fall. In a Green House or warm room, they may be kept in flower during the winter, and are admirably adapted for flower borders during the summer.

CLASS 8. THE TEA ROSE—ROSA INDICA ODORATA.

Price, 25 to 50 cents each.

Antherosa	Blush white, very large and double, strong grower.
Belle Amelie	Blush white, free bloomer.
Bon Silene	Cherry red, very large and fragrant.
Bougere	Rosy blush, very large, double and splendid.
Boutrand	Rosy pink, good form, free bloomer.
Caroline	Bright rosy pink, fine form, free bloomer and beautiful.
Clara Sylvain	Pure white, large, abundant bloomer, first rate.
Comte de Paris	Pale blush, very double, fine habit.
Devoniensis	Creamy white, immense size, very fragrant, one of the best.
Duchesse de Mecklenburg	Creamy yellow, double and good.
Eliza Sauvage	Pale sulphur, large, superb.
Flavescens or Yellow Tea	Pale straw color, extremely large, free bloomer, splendid.
General Seign	Rosy pink, large and very handsome.
Grandidier	Shaded rose, large, and very double.
Jaune Panache.	Delicate straw, changing to blush, sweet scented, of superb habit.
La Sylphide	Rosy buff, abundant bloomer, much admired, very splendid.
Lilacina	Rosy lilac, fine form, profuse bloomer.
Lyonnais	Pale pink, very large, strong grower, very desirable rose.
Madame Desprez	Pure white, agreeable fragrance, but delicate.
Madame Galet	Yellowish white, strong grower, pretty, hardy and good.
Melville	Deep blush, very double, abundant bloomer.
Nyphetos	White, large and beautiful buds.
Odorata or *Old Tea*	Delicate blush, large, sweet scented, a great favorite.

Names.	Description.
Odoratissima	Creamy blush, very large and double, much admired.
Pauline Plantier	Yellowish white.
Princesse Marie	Rosy blush, very large, often 5 in. in diameter, double, splendid.
Strombio	Rosy white, fine form, profuse bloomer, hardy and first rate.
Theobaldine	Deep rosy pink, very fragrant.
Triomphe de Luxembourg	Rosy buff, very large, strong habit, much admired.
Victoire Modeste	Blush, large, cup formed, rather tender, but very splendid.
White Tea	Delicate white, abundant bloomer, very fine.
William Wallace	Pale blush, extra large, perfectly double, blooms freely.

The Tea Roses are esteemed for their perpetual blooming, for their varied beauties of color, size, and form and especially for their exquisite odor, denominated *tea scented*. They require protection in winter.

GENERAL REMARKS.

The Rose requires a rich deep soil. Early in the spring the surplus shoots should be pruned off, and the remaining ones (of all except the *climbing roses*), shortened back, leaving only from three to six buds of the last years growth, at the same time a good supply of well rotted manure should be spaded in around the roots. The *half tender* varieties, such as some of the Tea and Bengal, may be readily protected against the winter, either by tying them to a stake and sheathing them in straw, making a small mound of litter or leaves around the roots, or, by taking them up and laying them in by the heel in a frame made of rough boards, or, which is perhaps the best course, by laying them down and covering with soil to the depth of 2 or 3 inches. Thus, with little expence or labor, every person may ensure for his *parterre* during the whole season a continual bloom of the most brilliant and beautiful Roses. And who is there that loves not the *Rose?*

Peonies.

For Tree Pæonies, see Ornamental Shrubs—Herbaceous Pæonies, see Herbaceous Plants.

CARNATIONS, PINKS & PICOTEES.

Price, 25 cents each.

Of these our collection is very large, embracing over 80 varieties.

Bulbs.

Our assortment of *Bulbous Roots* is very extensive, embracing all the finest imported varieties of the Tulip, Hyacinth, Narcissus, Mexican Tiger Flower, Gladiolus, Double Tuberose, Crocus, and others, the list of which is too long for insertion in the present catalogue.

Green House Plants.

We have not room here for a list of the Green House Plants cultivated by us. Suffice it to say, that we have a large and choice collection of Camellia Japonica, Chinese Azalea, Acacia, Geranium, Calceolaria, Cactus, Aloe, Orange, Lemon, Chorizema, Heath, Magnolias, Rhododendrons, Fuchsia, Passiflora, &c., &c., and will furnish them at very low rates.

HARDY HERBACEOUS PLANTS.

Price, 12½ to 25 cents each, except where noted.

Botanic Names.	Common Names.	
Achillea, ptarmica fl. pl.	Double Sneeze Wort, *white and very showy.*	
Aconitum, napellus	Monk's Hood, pale blue.	
" volubile	" strong growing.	
" elatum	" tall.	
" grandiflorum	" large blue.	
" variegata	" variegated.	
Anchusa, capensis	Blue flowered, showy.	
Althea	Holly hock, many varieties.	
Agrostemma, coronaria	Rose Campion, or Mullain Pink.	
Antirrhinum	Snapdragon, many kinds.	
Aquilegia Alba	Columbine white.	
" purpurea	" purple.	
" canadensis	" canadian scarlet.	
" cerulea	" dark blue.	
Campanula, alba pleno	Bellflower double white	A beautiful family of border plants, of white & blue flowers.
" grandiflora	" great flowered	
" medium	" canterbury bell.	
" persicifolia	" double white peach leav-	
" multiflora	" profuse flowering [ed.	
" pyramidalis	" pyramidal blue, $0,50.	
" pyramidalis alba	" white, 50	
Clematis, alpina	Clematis alpine.	Beautiful tribe of plants long in bloom, and some of them sweet scented.
" angustifolia	" narrow leaved	
" erecta	" upright.	
" integrifolia	" entire leaved.	
Chelone, barbata	Chelone scarlet bearded.	
Chrysanthemum chinense	Chysanthemums, 30 splendid varieties.	
Convallaria, majalis	Lily of the valley.	
Coreopsis, lanceolata	Coreopsis lance leaved.	Showy border plants.
" verticillata	" whorl leaved.	
" tenuifolia	" slender leaved.	
Delphinium, album chinense	Larkspur chinese white	These are pretty, and are very showy in the border.
" elatum	" bee	
" grandiflorum	" large flowered.	
" maximum	" superb blue	
" pallidum	" pale blue.	
Dictamnus, alba	Fraxinella white.	
" rubra	" red.	
Digitalis, alba	Foxglove white.	
" purpurea	" purple.	
Eupatorium, coelestinum	Eupatorium blue flowered.	Very pretty & showy
" rotundifolium	" round leaved white.	

Botanic Names.	Common Names.	
Eryngium, amethystinum	Sea Holly, amethystine—curious.	
Galardia, picta	Gaillardia painted—very showy.	
Geum, coccineum	Geum, scarlet flowered.	
Gladiolus, communis	Sword Lily purple.	Bulbous rooted, various colors—very pretty.
" albus	" white.	
" floribundus	" many flowered.	
" psittacinus	" Parrot like.	
Helianthus, multiflorus	Perrennial Sunflower, profuse flowering.	
" flora pleno	" " double, *large and showy.*	
Hemerocallis, coerulea	Day Lily, blue.	
" disticha	" fan like.	
" flava	" bright yellow.	
" fulva	" copper colored.	
" japonica	" white.	
Iris, several varieties		
Lathyrus, latifolius	Pea Everlasting.	
Liatris, spicata	Liatres, long spiked.	
Lilium, aurantiacum	Lily orange.	
" candidum	" white.	
" chinense	" Tiger.	
Lupinus, polyphyllus	Lupine, blue, many-spiked, 50	Very ornamental.
" " alba	" white, " 50	
Lychnis, chalcedonica	Lychnis, single scarlet,	Handsome, & in bloom most of the season.
" " flora pleno	" double "[ged robin.	
" flosculi pleno	" double crimson rag-	
" " alba	" " white do.	
Lythrum, salicaria	Willow Herb, *pretty.*	
Monarda, didyma	Monarda, scarlet flowering.	
" oblongata	" purple "	
Pæonia, fragrans	Paeony, chinese, double, sweet scented.	50 cents. All very fine and showy
" albicans pleno	" " " changeable.	
" Humei	" " " large pink.	
" officinalis fl. pl	" " " red.	
" whitleii	" " " white.	
Penstemon, 10 varieties	*Very ornamental for borders.*	
Phlox, 20 varieties	*Very beautiful, flower in succession from early summer till late in the fall.*	
Polemonium, coeruleum	Greek Valerian, blue.	
Pyrethrum, parthenium pleno	Feverfew, Double White, *very pretty.*	
Potentilla atrosanguinea	Crimson Cinquefoil.	
Ranunculus acris, fl. pl	Ranunculus, double yellow.	
Rudbeckia, elegans	Rudbeckia, large.	
" fulgida	" bright yellow.	
" purpurea	" purple.	
Sedum, aizoon	Stone Crop, yellow flowering.	
" sieboldi	" Siebold's, pink, *very pretty.*	
" vernatum	" purslane leaved.	
" telephoides	" large.	
Silene, rubro pleno	Catch fly, double red.	
Spiraea, filipendula fl. pl	Queen of the Meadow, double white.	Highly ornamental and well worthy of a place in the flower border.
" japonica	" fine white,	
" lobata	" pink,	
" ulmaria fl. pl	" double white.	
" " fol. var	" variegated leaved.	
Stipa, pennata	Feather Grass.	
Tradescantia, virginica alba	Virginia Spidewort, white.	
" ciliaris	" hairy	
Tussilago, fragrans	Colt's Foot, sweet scented	
Valeriana, rubra	Valerian scarlet.	
Viola, odorata fl. pl	Violet, double blue, sweet scented.	
" tricolor	Heartsease, *many varieties.*	

Botanic Names.	Common Names.	
Vinca, major	Periwinkle, blue.	
" fol. aurea	" golden edge.	
Veronica, gentianoides	Speedwell, gentian leaved.	
" intermedium	" large flowered.	
" spicata	" spiked.	
Yucca, angustifolia	Adams Needle, narrow leaved.	25 to 50 each. Splendid plants, with flower stems 3 to 5 feet high, covered with beautiful white blossoms.
" filamentosa	" thready.	
flaccida	" profuse flowering.	

DOUBLE DAHLIAS.

Price, 25 cents each, or $18 per 100.

Names.	Description.
Admiral Stopeford	Very dark, cupped petals.
Alba Grandiflora	Very large and double, on the best white.
Alba Purpurea	beautifully edged and shaded with purple.
Alexander (Millers)	bright orange buff, large showy flower.
Andrew Hofer	Maroon, splendid flower.
Beauty of Hydevale, large show flower.	[habit.
Beauty of Sussex	delicate pink, deeply edged with cherry color, beautiful form and
Beauty of Wakefield	white, beautifully edged with purple.
Bloomsbury	vivid scarlet, unsurpassed.
Battle Rival	Fine yellow edge.
British Queen	Rosy purple—good.
Bonaparte	Rich maroon; fine show flower.
Charles XII, (Pamplens)	Fine rosy red.
Charles XII, (Millers)	purple, beautifully tipped with white.
Constancy	shaded purple, large and fine.
Cassalia, (Wells,)	white, tinged with lilac. [ers known.
Dowager Lady Cooper, (Jackson)	delicate pink cupped petals, one of the finest flow-
Duchess of Richmond, (Fowler)	Salmon orange, fine.
Duke of Bedford, (Dennis)	dark maroon, large and showy.
Eclipse, (Catleugh)	Vermillion rose; superb flower. [fine.
Emma Noke, (Keyne's)	blush white, very full flower, splendid cupped petals, extra
Egyptian Prince,	fine glossy plum color; good.
Grandis	fine plum color; extra large.
Glory of Plymouth, (Rendale)	white, tipped with purple.
Grand Turk	very dark, nearly black.
Hope	Fine rose, superior flower.
Hermione	White, tinged with purple. [of petals beautifully cupped.
Hero of Stonehenge, (Whale's)	Crimson, of great substance, having sixteen rows
Hero of Tippecanoe, (Hancock)	Ruby purple, fine.
Hudson Scarlet	Large, showy flower.
Indian Chief	Purple, large size.
La Tour d'Auvergne, (Busine's)	Orange scarlet, very large and double flower.
King Philippe	Dark Maroon.
Lady Ann Murray, (Catleugh)	White, mottled with crimson.
Lady Catharine Germain	Crimson tipped with white, very showy.
Lady Sondes, (Cox)	Primrose yellow, edged with rose.
Lady Wm. Powlett	Bright lilac, small but fine.
Lord Morpeth, (Evans)	Puce cupped, pectals very fine.
Louisa, (Schmitz)	Pure white, good centre.
Le Grand Boudin, (Low)	Rosy lilac, large showy flowers.
Lucina, (Spencer)	Delicate light rose, fine.
Lutea Alba	Yellow tipped with white, very pretty.
Lutea Grandiflora	Very large and double, one of the best yellows.
Maid of Bath, (Davis)	White, edged with delicate purple, very superior flower.

Names.	Description.
Madame Chauviere—Girling—	Light crimson, distinctly tipped with pure white, very constant, extra fine.
Madame Miellez—Keyne's—	French white, fringed with purple, an extraordinary fancy flower.
Marchioness of Breadalbane—Low—	Rose and white, good form.
Metella—	Beautiful plum color, fine form.
Miss Percival—Schmitz—	Clear white, abundant bloomer.
Miss Scroop—Hedley—	Fine rose cupped, excellent.
Mrs. Rushton Buists—	Blush white, edged with pink, large and very fine.
Madonna—Stanford's—	Rosy lilac. elegant.
Majestic—	Deep rose, good.
Mackenzie's Perfection—	Red, good and free bloomer.
Miranda—	Brown—Blush white, edged with purple, constant show flower.
Ne plus Ultra—Widnall—	Shaded purple. [perior flower.
Novelty—Whale's—	Quite new, color, ruby ground, tipped and striped with buff, su-
Oakley's Surprise—	Fine crimson, beautifully tipped with white.
Orange Boven—	Fine orange, large and full.
Ovid—	Blush, purple cupped,
Pickwick—Cormack—	Dark purple, superb flower.
President—Wilmer's—	Dark purple, constant show flower.
Pride of Sussex—	Fine white, beautiful form. [er.
Prince of Wales—Girling's—	Bright purple, shaded with crimson, splendid show flow-
Purple Bouquet—Schmitz—	Abundant bloomer and good form
Queen—Widnalls—	True peach blossom, cupped petals, not to be surpassed.
Queen Elizabeth—Brown's—	White purple, large and showy.
Red Rover—Girling's—	Large bright red, superior flower.
Reliance—Widnall's—	Orange, margined with buff.
Rouge et Noir—	Deep crimson, shaded with purple.
Rienzi—Widnall's—	Rich crimson, beautifully shaded with puce,
Sir John Seabright—Salter's—	Rich crimson, large, very free and early bloomer.
Scarlet Perfection—Brewer's—	Bright scarlet, cupped petals.
Striata Formosissima—	Carnation striped, very showy.
Sulphurea Elegans—Jone's—	Superb light sulphur.
Triumph—Milliez—	White. tipped with purple, small but very neat and showy. [mer.
Twiford Perfection—Young—	Shaded rose, first rate show flower and abundant bloo-
Unique—Ansell—	Yellow, tipped with red, very double and well up in the centre.
Will Watch—Girlings—	Shaded and tipped with ruby.
Waterford Surprise—	Dark maroon.
York and Lancaster—	Fine rosy pink and free bloomer.
Zitella—	Fine buff.

The Dahlia flourishes best in a light, rich loam, which should be well worked. As they proceed in growth they should be staked and the branches tied. After the tops are killed with frost in the fall, they should be cut off within three or four inches of the ground, the roots dug up, packed in dry sand, and placed in a cellar or some place secure from frost.

PLANTS FOR HEDGES.

English Hawthorn, Privet, American Arbor Vitae, Chinese Arbor Vitae, and Osage Orange, by the 100 or 1000, of suitable size for planting out Hedges.

Remarks on the Transplanting and Management of Trees.

Every man who purchases a tree, expects it to live and produce fruit; if it happens to die, he is sorely disappointed, and often imputes the cause of his failure to the Nurseryman, rather than to his own carelessness in planting or managing the tree. The Nurseryman may be in fault, and doubtless, at times, is so. If he sends out trees of sickly or stunted growth, or such as are destitute of good roots, either from never having had any, or by having lost them by unskilful lifting; or, if he so bunglingly packs them that they become injured by transportation, he deserves all the censure that can be passed upon him. But, if on the contrary, the trees he sells you are genuine, straight, thrifty and handsome—carefully taken up, with fine, large, unbruised roots, and so packed, as to be carried a thousand miles with perfect safety, he has performed his whole duty; and if they fail, the cause must be sought in some inattention or neglect in their subsequent management. Every person, therefore, who buys a tree, should understand how to plant it and how to take care of it. As but few, comparatively, have access to Horticultural Libraries, we have condensed, and will here lay down a few rules on the subject of planting and managing trees, both Fruit and Ornamental.

1st. Never purchase a tree, unless you know that it is genuine, thrifty, well-rooted, and that it will be taken up with care and properly packed.

2d. Never plant a tree in poor or inferior soil. Let the ground be previously prepared, by manuring freely and deep ploughing. All turf should be thoroughly subdued. Leached ashes or lime, mixed with well-rotted barnyard manure, will be found very useful. Remember, there is little danger of making the soil too rich; and for all the trouble and expence in preparing the ground, you will be compensated a hundred fold by the early productiveness of the orchard.

3d. Prepare a suitable hole for the tree. Let it be at least two feet deep, and three feet in diameter, and as much deeper and wider as you please. Have a supply of rich soil, well mixed with old, thoroughly decomposed manure, and fill the hole to the necessary height for the tree.

4th. If you receive the trees in the fall, and your ground is wet, it will be well to lay them in by the heel in the cellar till spring. At the time of planting, whether in the Spring or Fall, keep the roots, as much as possible from the sun; if, by any chance, these have become very dry, you may soak them in water for a short time. Pear off with a sharp knife, such roots as may be bruised, and reduce the head to a size corresponding with the root, and then you are ready for the operation of planting.

5th. This requires two persons, one to hold the tree upright, and the other with his fingers to spread out the roots, and fill the mould carefully *in, under and around every one of them.* See that those small fibres are all brought in contact with the soil. Here lies the great secret of transplanting. Continue to fill and press carefully around the roots, until the hole is two-thirds full, when a pail of water may be poured in; give this time to sink away, and then complete the filling in leaving a slight basin around the body of the tree. Be careful not to plant too deep; the tree should not be more than one inch lower than when it stood in the Nursery. If exposed to high winds, it may be well to stake the trees.

6th. Never practice *surface watering.* No subsequent watering will be needed unless the season proves very dry. When water is to be given, remove the earth to the depth of 3 or 4 inches, pour in the water, and then restore the covering of earth. A far better plan is to *mulch*, that is, cover the ground under the tree with straw or very coarse manure. This will keep the ground moist, prevent its baking, and protect the roots. It also tends to prevent injury from frost in winter.

7th. After Culture.—Continue to cultivate the orchard for several years after planting it. At all events, keep the ground around the trees open and light, giving it an annual dressing of old manure. You will thus secure two years growth in one.

8th. Prune just sufficient to form fine, open, handsome heads and *no more.* Limbs that are inclined to grow spindling or straggling, should be cut off or shortened in. This may be done in winter or at mid-summer. As long as the tree is healthy, you may form the head into any shape you please.

These rules embrace all that is essential. They are few in number, simple, and easily understood. A faithful observance of them will seldom fail to be rewarded with the desired success.

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